

STRUCTURAL EPOXY ADHESIVE
BONDING HARDENED CONCRETE
HIGH PERFORMANCE

532
UTAREP H 80 C

E P O X Y A D H E S I V E S

LANKO



CHARACTERISTICS

- **Bond hardened concrete.**
- **Thixotropic, can be applied to vertical surfaces.**
- **Excellent bonding to dry or slightly damp surfaces.**
- **Non-shrinking.**
- **Forms a regular, waterproof and rustproof bond.**

COVERAGE

1.5 kg/m²/mm.

PACKAGING

- 5 kg kit (A+B).

STORAGE

2 year from date of manufacture if stored in unopened original packing in cool dry, frost-free conditions.

DESCRIPTION

532 UTAREP H 80 C is a grey trowel-workable epoxy paste composed of two pre-measured components mixed immediately prior to use.

USES

- Bonding of wedged precast elements.
- Bonding of all construction materials (except plastic).
 - Metal on concrete.
 - Stone on concrete.
 - Tiling.
 - Neoprene pads on concrete.
 - Fixtures such as clamps or brackets.
- Bonding fresh concrete to hardened concrete.
 - Topping screeds.
 - Structural reinforcement.
- Rendering and reshaping of small surfaces.

SPECIFICATIONS

- Appearance : Solvent-free paste
- Colour
 - Resin : White
 - Hardener : Black
 - Mixture : Grey
- Resin : hardener : 1 : 1 by weight or volume
- Mixture density : 1.5
- Dry content : 100%
- Pot life : 1 hours 35 minutes at 20°C

Bond strength (MPa) at 28 days*

Substrate	Concrete
Value	3

* Average laboratory values provided as a general guide.

Mechanical strength (MPa) at 28 days*

Compression	100
Bending	20
Modulus of elasticity	6000

* Tests carried out on 4x4x16 samples, kept at +23°C and 50% humidity. Average laboratory values provided as a general guide.

WORK INSTRUCTIONS

Substrate preparation

- The surfaces to be bonded must be clean and sound.
- All traces of laitance and loose particles must be brushed off or sanded.
- All resulting dust must be removed.

Product preparation

- Machine-mix the two pre-measured components, i.e. resin and hardener, on slow speed until a grey, filament-free paste is obtained.

Application

- trowel or glove.
- The average thickness of the adhesive after application and assembly should be approximately 1 mm.
- Bonding must be carried out when the adhesive becomes tacky, i.e. between 10 minutes and 2 hours depending on temperature and humidity.

PRECAUTIONS

- Temperature range for use : 5°C - 40°C.
- Do not use 532 UTAREP H 80 C below 5°C, the mixture cannot polymerize.
- Apply to dry or slightly damp substrate only.
- Avoid prolonged skin contact : glove and eye protection should be worn.

*The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.

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